#### (19) World Intellectual Property Organization International Bureau



# SEP 2 2 2004

#### (43) International Publication Date 9 October 2003 (09.10.2003)

## **PCT**

# (10) International Publication Number WO 03/083342 A1

(51) International Patent Classification7:

\_\_\_\_

F16L 11/02

(21) International Application Number: PCT/KR03/00624

(22) International Filing Date: 28 March 2003 (28.03.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 20-2002-0009419 29

29 March 2002 (29.03.2002) KR

(71) Applicant and

(72) Inventor: JEONG, In-Seon [KR/KR]; 5-101 Hyundai prime Apartment, 631-1 Kuwi-dong, Kwangjin-ku, Seoul 143-203 (KR).

- (74) Agent: KIM, Kook-Nam; 2 Fl., Shindo Bldg., 823-10 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

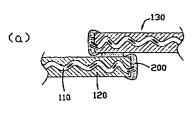
(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW). Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

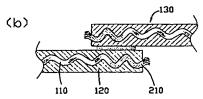
#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

### (54) Title: PRESSURE-RESISTANCE HOSE HAVING WATERTIGHT STRUCTURE





(57) Abstract: Disclosed is a pressure-resistance hose having a watertight structure capable of preventing a due condensation phenomenon, called a sweating phenomenon, from occurring on an exposed end or a surface of the pressure-resistance hose by coating adhesives on both overlapping ends of the pressure-resistance hose including polyethylene mixed fabrics and a watertight film coated on upper and lower surfaces of the polyethylene mixed fabrics in such a manner that the polyethylene mixed fabrics exposed along an end portion of the pressure-resistance hose are covered with adhesives. The reliability and endurance of the pressure-resistance hose are improved, thereby achieving a high value-added pressure-resistance hose.



